

**UNITED STATES DEPARTMENT OF COMMERCE****Patent and Trademark Office**

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
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08/969,632 11/13/97 FROEBERG P 002240.P048

PM82/0902

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EXAMINER

BLUM, T

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

3662

DATE MAILED:

09/02/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

| | | | |
|-----------------|-----------|----------------|----------|
| Application No. | 08/969632 | Applicant(s) | FROEBERG |
| Examiner | T. BLUM | Group Art Unit | 3662 |

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication .
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

Responsive to communication(s) filed on _____.

This action is FINAL.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

Claim(s) 1-13 is/are pending in the application.

Of the above claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) 1-13 is/are rejected.

Claim(s) _____ is/are objected to.

Claim(s) _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The proposed drawing correction, filed on _____ is approved disapproved.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

Attachment(s)

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413

Notice of Reference(s) Cited, PTO-892 Notice of Informal Patent Application, PTO-152

Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____

Office Action Summary

Art Unit: 3662

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

2. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Sadler.

Sadler teaches the claimed positioning system method and structure including: receiver (2) configured to receive positioning signals, processor (2) configured to process the positioning signals accessing the positioning data through a firewall (column 4), and processing (3 and 6) the positioning data to generate user application data.

3. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by MacDoran et al.

Art Unit: 3662

MacDoran et al teaches the claimed positioning system method and structure including: receiver (103) configured to receive positioning signals, processor (103) configured to process the positioning signals accessing the positioning data through a firewall (column 15, lines 48-59), and processing (106 and 108) the positioning data to generate user application data.

4. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by Shimada.

Shimada teaches the claimed positioning system method and structure including: receiver (305) configured to receive positioning signals, processor (305) configured to process the positioning signals accessing the positioning data through a firewall (column 4, lines 45-60), and processing (Figure 3) the positioning data to generate user application data.

Art Unit: 3662

5. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being anticipated by France et al.

France et al teaches the claimed positioning system method and structure including: receiver (260) configured to receive positioning signals, processor (260) configured to process the positioning signals accessing the positioning data through a firewall (column 8, lines 9-15), and processing (240 and 250) the positioning data to generate user application data.

6. Any inquiry concerning this communication should be directed to Theodore Blum at telephone number (703) 305-1833.

Theodore M. Blum
THEODORE M. BLUM
PRIMARY EXAMINER